

ULTRACUT® EVO 255

Performance you can trust



CUSTOMER

Arrowhead Rockdrill

INITIAL PROBLEMS

Arrowhead Rockdrill first approached ROCOL in March 2014. Their main concerns were foul odours coming from the machines, numerous cleanouts, in some cases every three months, and the lack of support from the current supplier. This was starting to rack up significant costs in waste disposal and down time. Their ultimate goal was to eliminate the bad smells and extend sump life across all machines.

On top of this Arrowhead needed a cutting fluid that could handle the tough materials they were machining day to day.

SURVEY

In order to identify the key issues and root causes ROCOL took samples from all machines so that detailed laboratory tests could be carried out, helping identify exactly what was going wrong in the fluids of each machine. Lab results showed high levels of bacterial and fungal infection. Once the results were compiled and more information was gathered from Arrowhead regarding the performance they required from their cutting fluid, it was time to propose a solution.

SOLUTION

It was established that the best product would be ULTRACUT® EVO 255; an extreme pressure soluble oil water mix cutting fluid, formulated to give a long predictable sump life. In addition to this, the ROCOL Ultracare® service package would provide the support needed to help monitor and maintain the cutting fluids in optimum working condition.

REASONS

- ▶ Bad odours (bacterial infection) – ULTRACUT EVO 255 is a bio-stable cutting fluid, a formulation that uses chemistry that inhibits the potential for bacteria to breed and multiply.
- ▶ Numerous cleanouts per year – ULTRACUT EVO 255 is inherently resistant to degradation and provides long predictable sump life as a result of its bio-stable formulation, helping achieve sump life of 12 months and longer.
- ▶ Good cutting performance – ULTRACUT EVO 255 uses a combination of extreme pressure additives to promote good surface finish and excellent tooling protection.

IMPLEMENTATION

Once it was agreed that ULTRACUT EVO 255 was the right choice for Arrowhead it was time for the changeover. Initially the product was simply tipped on top with a machine shop cleanout planned for the summer. A ROCOL service engineer began monthly checks to monitor the cutting fluids in each machine making sure the original issues were addressed. The effect was immediate and the bad smells began to fade away and the cutting fluids started to look cleaner and were much more pleasant for operators to work with.

SUCCESS

Since introducing ULTRACUT EVO 255, Arrowhead has found that the bad odours have been eradicated and the sump life is now in excess of 12 months. ROCOL and Arrowhead continue to work closely through the Ultracare service package which provides full support to Arrowhead should they need it.

